

Available online at www.sciencedirect.com**ScienceDirect**

Procedia Computer Science 90 (2016) 1

Procedia
Computer Science

International Conference On Medical Imaging Understanding and Analysis 2016, MIUA 2016, 6-8 July 2016, Loughborough, UK

Preface



This volume presents an edited selection of the presentations from the 20th annual Medical Image Understanding and Analysis (MIUA) conference which was held at Loughborough University, 6-8th July, 2016. MIUA is a UK-based meeting for the communication of research related to image analysis and its application to medical imaging and biomedicine. The conference provided an opportunity to present and discuss state of the art research in this ever expanding domain.

The conference was chaired by Professor Alastair Gale and Dr Yan Chen. Mrs Sarah Lowe was the conference secretariat who efficiently organised everything and also dealt with editing the submitted manuscripts and to whom we are eternally grateful. The webmaster was Dr Hossein Nevisi who also assisted with Latex editing.

The Loughborough team were ably assisted by the other members of the conference steering committee, comprising: Constantino Carlos Reyes-Aldasoro (City University); Bill Crum (King's College); Victor Gonzalez-Castro (University of Edinburgh); Tryphon Lambrou (University of Lincoln); Maria del Carmen Valdés Hernández (University of Edinburgh); Stephen McKenna (University of Dundee); Nasir Rajpoot (University of Warwick); Gregory Slabaugh (City University); Xianghua Xie (Swansea University); Xujiong Ye (University of Lincoln), and Reyer Zwiggelaar (Aberystwyth University). Additionally members of the Technical Committee also assisted with paper reviewing.

Invited keynote presentations were made by Professor Nico Karssemeijer, Radboud University, Nijmegen Medical Center, The Netherlands and Dr. Sue Astley, Imaging Science, University of Manchester. Dr Jonathan James, Consultant Breast Radiologist at the Nottingham Breast Institute, presented a radiologist's viewpoint of key aspects of the domain. Dr Peter Philips, University of Cumbria, led workshops on eye tracking and medical imaging assisted by Leng Dong.

We are grateful to Professor Mark Biggs, Dean of Science at Loughborough University, for opening the conference and welcoming the MIUA delegates to the University.

Alastair Gale
Yan Chen
Loughborough University
July 2016